|   |              |          | ir<br>III            | nd<br>    | ex           | 0             | f C      | :la           | in       | s<br>                   |           |  |          |          |          |   |         |   |              |                     | itrol    | No       |          |              | R            | <del>(99</del> ) | can      | nin           | ati      | on        |                         | under |
|---|--------------|----------|----------------------|-----------|--------------|---------------|----------|---------------|----------|-------------------------|-----------|--|----------|----------|----------|---|---------|---|--------------|---------------------|----------|----------|----------|--------------|--------------|------------------|----------|---------------|----------|-----------|-------------------------|-------|
|   | •            |          | Ш                    |           | Ш            | Ш             |          |               |          |                         |           |  |          |          | <b>-</b> | 10/812,725<br>Examiner  |         |   |              |                     |          |          |          |              | STOUT ET AL. |                  |          |               |          |           |                         |       |
|   |              |          | Ш                    |           |              | Ш             |          |               |          |                         |           |  |          |          | - 1      |   |         |   |              |                     |          |          |          |              |              |                  |          |               |          |           |                         |       |
|   |              | (12030   | 1 64 9 3             | -         |              | <b>8)</b> 144 |          | 813 481       | 748 H    | 241                     | D3 (88)   |  |          |          |          | Da  | ng      | D.  | Le           | _                   |          |          |          |              | 2            | 834              | 1_       |               | _        |           |                         |       |
|   |              |          | 7                    | R         | eje:         | cte           | d        |               |          | T                       | <b>(T</b> |  | gh n     |          |          | d)  | 7       | N   | T N          | lon-                | Elec     |          |          |              |              | A                | מפו      | eal           | <u> </u> | ٦         |                         |       |
|   |              |          | Н                    |           | _            |               | 4        |               | -        | +                       |           | C  | nce      | Hec      |          | <u>.</u>  | 4       | F   | ╀            |                     |          |          |          | A            | _            |                  |          |               | _        | _         |                         |       |
|   |              |          | =                    | = Allowed |              |               | d        |               |          | <u>•</u>                |           | Restricted                                       |          |          |          |   |         | Ŀ   | Interference |                     |          | •]       | 0        | Objected     |              |                  |          |               |          |           |                         |       |
|   |              | aim      | г                    |           |              |               | late     |               | ٠        |                         | <b>-</b>  | Claim  |          |          |          |   | Da      | <u> </u>  |              |                     |          |          | Claim    | <del>-</del> | Date         |                  |          |               |          | 1         |                         |       |
|   | <u> </u>     | 1        | П                    |           | _            | ī             | Ī        | <u> </u>      | T        | Т                       | ┥         | <u> </u>   |          | П        | Т        | -   | T       | Ť   | Т            | П                   | $\dashv$ | $\vdash$ |          |              |              | $\neg$           | Ť        | T             | 7        | - 1       |                         | 1     |
|   | Firs         | Original | 3/31/08              |           |              |               |          |               |          |                         |           | Fig  | Original |          |          |   |         |   |              |                     |          | 100      | Original |              |              | *                |          |               |          |           |                         |       |
|   |              | <        | V                    | H         | ᅱ            | $\dashv$      | $\dashv$ | $\dashv$      | $\dashv$ | +                       | -         | $\vdash$   | 51       | $\vdash$ | $\dashv$ | +   | ╫       | ╀   | ╀            | Н                   | $\dashv$ | $\vdash$ | 101      | 1            | $\dashv$     | ╌┼               | +        | -             | +        | $\dashv$  | ╫                       | 1.    |
|   |              | 2        |                      | ╗         | 寸            |               | ┪        |               | 1        | 7                       | 1         |  | 52       | $\sqcap$ | $\dashv$ | 1   | $\top$  | T   | Τ            | H                   | 7        |          | 102      | _            | $\vdash$     | _                | ┪        | -†            | +        | +         | +                       | 1     |
|   |              | 3        | ¥                    |           |              |               |          |               | $\Box$   | Ī                       | ]         |  | 53       |          | Ι        | I   |         |   |              | П                   |          |          | 103      |              |              |                  | $\neg$   | $\neg$        | $\neg$   | $\exists$ | 1                       | 1     |
|   |              | 4        | V                    | _         | _            |               |          | $\dashv$      | $\perp$  | $\perp$                 | _         |  | 54       | $\Box$   | $\Box$   | $\perp$   | $\perp$ | oxdot   | L            | П                   | ]        |          | 104      |              |              |                  |          | $\Box$        | $\Box$   |           | I                       | ]     |
|   | <b>├</b>     | 5        | <b>&gt;</b>          | 4         | -            | -             | -        | 4             | 4        | +                       | 4         |  | 55       | Н        | 4        | 4   | 4       | ↓_  | ╄            | Ш                   | _        |          | 105      |              | Ш            | 4                | 4        | 4             | 4        | _         | _                       | ł     |
|   | $\vdash$     | 7        | ¥                    | $\dashv$  | -1           |               | -        | ╅             | +        |                         | -         | $\vdash$   | 56<br>57 | Н        | +        | +   | +-      | ╂   | ╀            | H                   | -        | $\vdash$ | 107      |              | $\vdash$     | -                | -        | $\dashv$      | 4        | +         | -                       | 1     |
|   | $\vdash$     | 8        | V                    | ᅥ         | $\dashv$     | -             | $\dashv$ | +             | +        | +                       | ┪.        | <del>                                     </del> | 58       | Н        | +        | ╅   | ╅       | ╀   | ⊢            | Н                   | $\dashv$ | $\vdash$ | 108      |              | $\dashv$     | -+               | -        | +             | +        | $\dashv$  | +                       | ł     |
|   |              | 9        | v                    | $\dashv$  | 1            | $\dashv$      | ┪        | +             | 十        | +                       | 1         | <u> </u>   | 59       | $\vdash$ | +        | ╅   | 十       | +-  | ╁            | H                   | $\dashv$ | $\vdash$ | 109      |              | $\vdash$     | ┪                | -        | $\dashv$      | ┪        | ╅         | +                       | ┨     |
| • |              | 300      |                      |           |              |               |          |               |          | $\top$                  | 7         |  | 60       |          | $\top$   | $\top$  | 十       | 1   | 1            | П                   | 7        | $\vdash$ | 110      |              | $\dashv$     |                  | 7        | $\dashv$      | 寸        | 十         | _                       | 1     |
|   |              | 11       |                      |           | $\Box$       |               | $\Box$   |               | $\perp$  | $\perp$                 | ]         |  | 61       |          | $\Box$   | Ţ   | I       | 1   | Π            |                     |          |          | 111      |              |              |                  |          |               |          | I         |                         | ]     |
|   | <u> </u>     | 12       |                      | _         | -4           |               | 4        | $\dashv$      | 4        | 4                       | 4         |  | 62       | Щ        | 4        | 4   | _       | $\perp$   | <u> </u>     | Н                   | 4        | $\perp$  | 112      |              |              | 4                |          | $\perp$       |          | $\dashv$  |                         | 1     |
|   | $\vdash$     | 13       | V                    | $\dashv$  | -            | -             | 4        | $\dashv$      | +        | +                       | -         | <u> </u>   | 63       | $\vdash$ | $\dashv$ | +   | +       | ╀   | ₽-           | Н                   | 4        | $\vdash$ | 113      |              | $\vdash$     | -                | 4        | $\dashv$      | 4        | 4         | - -                     | 1     |
|   | $\vdash$     | 75       |                      | $\dashv$  | ┥            | -1            | -+       | $\dashv$      | $\dashv$ | ╅                       | -{        |  | 64<br>65 | $\vdash$ | ┰        | ╅   | ╁       | ╁   | $\vdash$     | $\vdash$            | $\dashv$ | $\vdash$ | 114      |              | Н            | +                | ┥        | $\dashv$      | -+       | +         |                         | ł     |
|   | <del>-</del> | 16       |                      | $\dashv$  | -            | $\dashv$      | ┪        | 十             | +        | ╅                       | ┨ .       |  | 66       | $\vdash$ | $\dashv$ | +   | +       | 1   | $\vdash$     | H                   | -        | $\vdash$ | 116      |              | $\vdash$     | $\dashv$         | -        | $\dashv$      | $\dashv$ | +         | ╅                       | 1     |
|   | $\vdash$     | 17       |                      |           | 寸            | $\neg$        | ┰        | ヿ             | $\dashv$ | 十                       | 7         |  | 67       |          | 十        | ╅   | +       | 1   | Т            | H                   | ┨.       | $\vdash$ | 117      |              | Н            | 7                | 7        | $\dashv$      | +        | 十         | +-                      | 1     |
|   |              | 18       | į                    |           |              |               |          | $\Box$        |          | $\Box$                  |           |  | 68       |          |          | 1   |         |   |              | П                   |          |          | 118      |              | П            | $\exists$        | ╛        | 一             | ┪        | 十         | 十                       | 1     |
|   | L            | 19       | 2                    | _         | $\Box$       | $\Box$        |          | ightharpoonup | $\bot$   | $\perp$                 |           |  | 69       |          | $\Box$   | $\perp$   | $\perp$ | $oldsymbol{ol}}}}}}}}}}}}}$ |              | Ш                   |          |          | 119      |              |              | $\Box$           |          |               | $\Box$   |           |                         | ]     |
|   | ┿╼           | 20:      | ×                    | _         | 4            | _             | 3        | 4             | 4        | 4                       | 4         |  | 70       | Н        | 4        | 4   | +       | ╀   | _            | Ц                   | 4        | L        | 120      |              | Д            | $\dashv$         |          | $\neg$        | $\dashv$ | $\perp$   | $\perp$                 | ]     |
|   | <b> </b>     | 21       | Н                    | $\dashv$  | -1           | 7             | =+       | +             | $\dashv$ | +                       | -         | <u> </u>   | 71       | $\dashv$ | $\dashv$ | +   | +       | ╄   | <u> </u>     | Н                   | 4        | $\vdash$ | 121      |              | Щ            | +                | 4        | 4             | 4        | 4         | ┵                       | Į.    |
|   | -            | 23       | H                    | $\dashv$  | $\dashv$     | -             | ┥        | ╅             | +        | +                       | $\dashv$  | <b> </b> -                                       | 72<br>73 | $\vdash$ | +        | ┿   | ╌       | ╀   | -            | ⊢⊹                  | $\dashv$ | $\vdash$ | 123      |              | Н            | -                | $\dashv$ | +             | +        | +         | +-                      | 1     |
|   | $\vdash$     | 24       | Н                    | ┪         | ᅥ            | -             | 7        | 十             | 1        | +                       | ┪         |  | 74       | $\vdash$ | $\dashv$ | +   | 十       | ╁   | -            | ╁                   | $\dashv$ | $\vdash$ | 124      |              | Н            | $\dashv$         | 1        | $\dashv$      | +        | ╅         | ╅                       | ł     |
|   |              | 25       |                      |           | _†           |               |          |               | _        | $\top$                  | ╛         |  | 75       | $\vdash$ | $\dashv$ | 十   | +       | T   |              | $\vdash$            | $\dashv$ | $\vdash$ | 125      |              | H            | 十                | ┪        | ┪             | +        | 十         | +                       | 1     |
|   |              | 26       |                      |           | ╛            |               |          |               |          |                         | ]         |  | 76       |          |          | 丁   | I       | I   | П            | 口                   | J        |          | 126      |              |              |                  |          |               | _†       | 丁         | 1                       | 1     |
|   |              | 27       |                      |           |              |               | $\Box$   | $\Box$        | $\Box$   | $\perp$                 | _         |  | 77       |          | J        | I   | Ι       |   |              |                     | ]        |          | 127      |              |              |                  |          |               | $\Box$   |           | $oldsymbol{\mathbb{I}}$ | ]     |
| - | <b>├</b>     | 28       | Щ                    | 4         | 4            | Ц             | _[       | _             |          | $\perp$                 | 4         | $\sqsubseteq$                                    | 78       | П        | $\bot$   | $\perp$   | T       |   |              | П                   | $\Box$   |          | 128      |              |              | $\Box$           | $\Box$   | $\Box$        | $\Box$   | $\Box$    | $\perp$                 | ]     |
|   | <u> </u>     | 29       | ${oldsymbol{arphi}}$ | 4         |              | $\dashv$      |          | +             | 4        | +                       | 4         | <u> </u>   | 79       | $\sqcup$ | 4        | +   | +       | ╄   | $\vdash$     | $\sqcup$            | _        | -        | 128      |              | Ш            | $\dashv$         | 4        | 4             | 4        | 4         | 4                       | 4     |
|   | -            | 30       | ${oldsymbol{dash}}$  |           | -+           | -+            | ┥        | +             | -        | +                       | -         | <u> </u>   | 80       | $\vdash$ | $\dashv$ | +   | +       | ╀   | $\vdash$     | $\vdash \downarrow$ | 4        | $\vdash$ | 130      |              | $\sqcup$     | $\dashv$         | 4        | -             | 4        | 4         | _                       | 4     |
|   | <b>—</b>     | 32       | $\vdash \vdash$      |           | $\dashv$     | $\dashv$      | ┥        | +             | +        | +                       | $\dashv$  | $\vdash$   | 82       | $\vdash$ | +        | +   | +       | +-  | H            | ⊢┼                  | -        | $\vdash$ | 131      |              | $\vdash$     | $\dashv$         | +        | +             | +        | +         | ╌                       | 1     |
|   |              | 33       | H                    | $\dashv$  | <del> </del> | $\dashv$      | -        | $\dashv$      | +        | +                       | ┨         | $\vdash$   | 83       | $\vdash$ | $\dashv$ | ╅   | +       | +-  | $\vdash$     | $\vdash \vdash$     | $\dashv$ | $\vdash$ | 133      |              | $\vdash$     | +                | ┥        | $\dashv$      | $\dashv$ | +         | +                       | 1     |
|   |              | 34       | ┌┤                   |           | 7            | $\dashv$      | 1        | 1             | 1        | $\top$                  | 7         |  | 84       | $\vdash$ | $\dashv$ | +   | +       | †   |              | H                   | $\dashv$ | $\vdash$ | 134      |              | H            | 7-               | $\dashv$ | _             | +        | $\dashv$  | +                       | 1     |
|   |              | 35       |                      |           | ┚            | J             |          |               |          | $\Box$                  |           |  | 85       |          |          | 丁   | I       | Γ   |              | ┌┤                  | 7        |          | 135      |              |              |                  |          |               | _ †      | 寸         |                         | 1     |
|   |              | 36       |                      | $\Box$    | $\Box$       | $\Box$        | $\Box$   | $\Box$        | $\Box$   | $oldsymbol{\mathbb{T}}$ | ]         |  | 86       |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | Ι       | Γ   |              |                     | ┚        |          | 136      |              |              |                  |          | 丁             |          | 丁         |                         | ]     |
|   |              | 27       | . 1                  | - т       | - 1          |               | Ŧ        | - 1           | - 5      | -3-                     | 1         |  | 07       |          |          |   |         |   |              | , 1                 | _        | _        | 403      |              | _            |                  | _        | $\overline{}$ | _        | _         |                         | ~     |

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